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January 2017 Edition

January Meeting Minutes

Russ Ramirez, K0WFS called the meeting to order at 1:15 PM. 16 were in attendance.

Introductions made around the table.

Meeting minutes from December 2016 were approved.

Old Business:

- No old business

New Business:

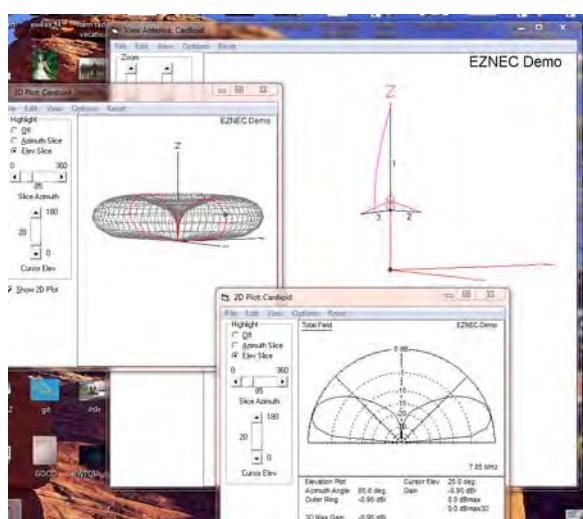
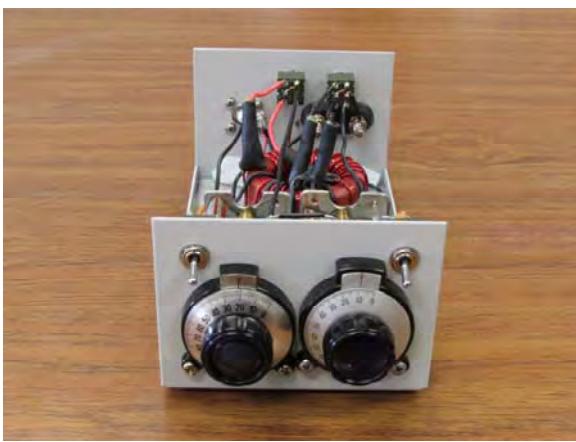
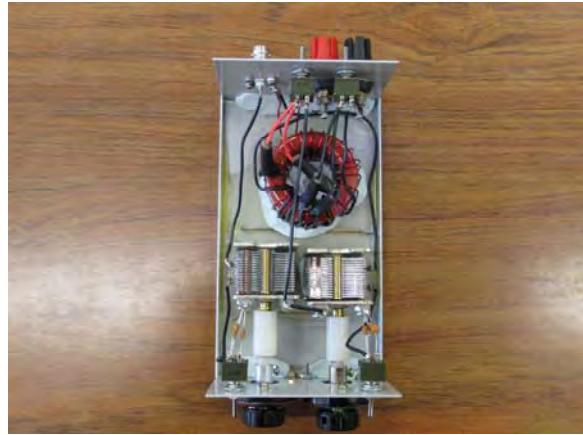
- Elections were held. The following were unanimously elected: Bob Liesenfeld – Board Member at Large; Jeremy Mooney – VP; Paul Bushouse - Treasurer

Show & Tell

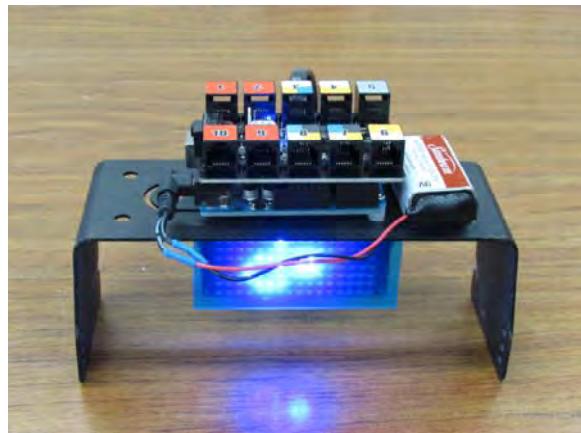
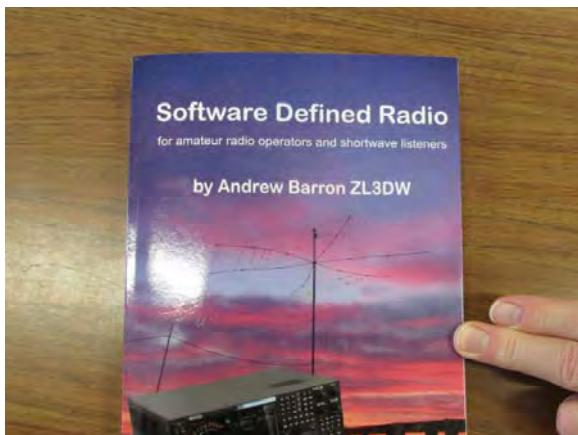
Rob Schweitzer, K0CD, shared the hamcation adventure he recently enjoyed in St. Maarten. Rob shared pictures of the location and radio setup and also related the issues of getting his gear through airport security. Rob made 490 QSOs and used Write Log for his logging software.

Rob brought in the tuner and Belagi key he used. The tuner is rated for ~ 50 watts. Additionally, he shared the EZNEC plot of the Spider beam antenna he used.





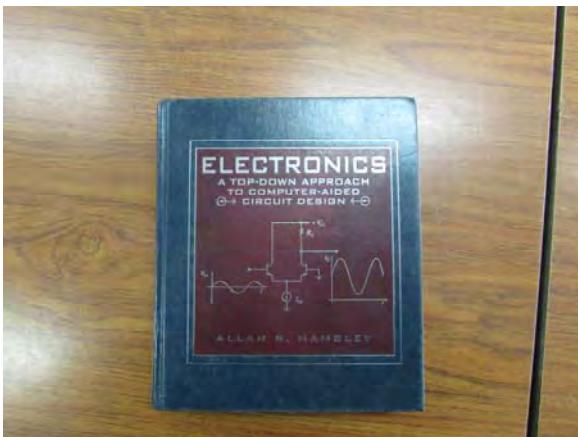
John Krawczak, KJ0P, brought in a newly acquired Software Defined Radio book. It covers current hardware & software and has a number of useful suggestions. John also brought in a Makers Arduino interface with each port containing an I²C connection. It also contains a 5 V supply that can deliver up to 2 Amps. Additionally, John brought in an EZ Keyer he put together.



Bob Liesenfeld, WB0POQ, showed us his first order PLL project. It uses a 100 KHz crystal and will lock up at every 100 KHz interval. It has a 5 - 15 MHz range and a coarse and fine adjustment. Bob related how he has tried different crystals and divider circuits.



Mert Nellis, W0UFO, brought in a book by Allan Hambly - "Electronics – a Top Down Approach to Computer Aided Circuit Design" which he has found very useful. The book can still be obtained. Mert mentioned that he has used a number of equations contained in the book.

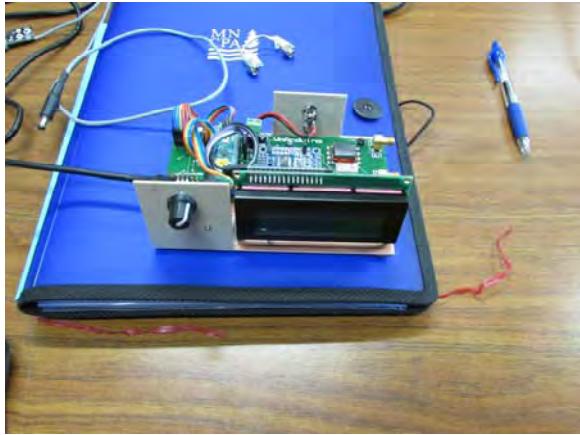


Tom Sneed, N0ZK, brought in a couple of laptop docking stations along with power supplies for anyone that might be able to use them.



Russ Ramirz, K0WFS, brought in the Vector Network Analyzer he recently constructed. He explained that all the parts are currently available and then went on to give us a very nice demonstration. Russ suggested that this would be a nice build-a-thon project and yield a very useful piece of test gear. The unit can operate stand alone or interface via USB to a PC. The software is available at no charge.





Respectfully submitted,
Steve, NW0C

Club Officers:

President: Russ Ramirez/K0WFS
Vice Pres: Jeremy Mooney/KC0LDI
Secretary: Steve Ulrich/NW0C
Treasurer: Paul Bushouse/N0TYE
At Large: Craig Johnson/AA0ZZ

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